

Science Toolkit: Grade 8 Objective 2.B.1.a

Student Handout: Science: Grade 8 Objective 2.B.1.a

Standard 2.0 Earth/Space Science

Topic B. Earth History

Indicator 1. Explain how sedimentary rock is formed periodically, embedding plant and animal remains and leaving a record of the sequence in which the plants and animals appeared and disappeared.

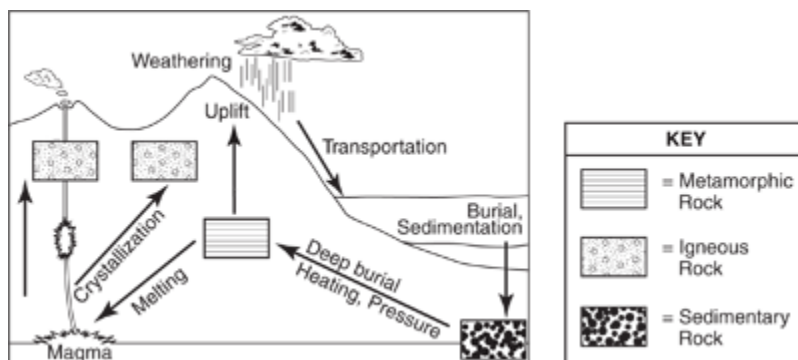
Objective a. Explain how sedimentary rock buried deep enough may be reformed by pressure and heat and these re-formed rock layers may be forced up again (uplift) to become land surface and even mountains.

Selected Response (SR) Item

Question

Use the information below to answer the following question.

The diagram below shows how rocks are formed.



What two processes can change sedimentary rock into metamorphic rock?

- A. melting and uplifting
- B. melting and pressing
- C. heating and pressing
- D. heating and crystallizing

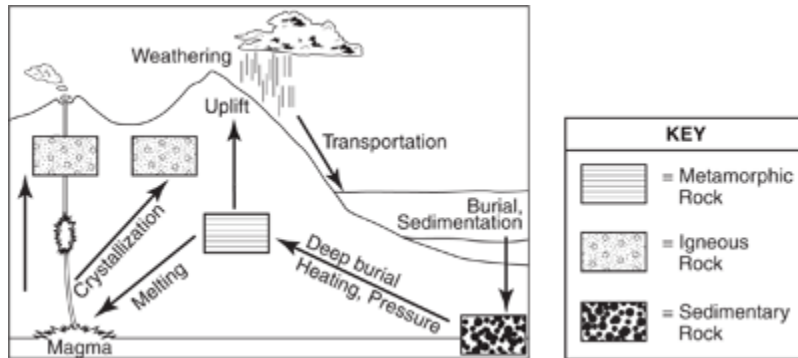
Correct Answer

C. heating and pressing

Question

Use the information below to answer the following question.

The diagram below shows how rocks are formed.



What two processes can change sedimentary rock into metamorphic rock?

- A. melting and uplifting
- B. melting and pressing
- C. heating and pressing
- D. heating and crystallizing